



Memorandum

To: Justice Information Board Members and Designees
From: Brian LeDuc, Program Director
Date: 4/15/2004
Re: Report of the Program Director -- March 17—April 19, 2004

Proof of Concept Update

The first JIN Proof of Concept project, a collaborative effort to share and update stolen vehicle information among the King County Regional Automation Network (RAIN), [the Law Enforcement Support Agency \(LESA\)](#), and the [Washington State Patrol](#), is rapidly moving forward. The Project Manager, Equarius, has successfully established connections to all data sources and installed middleware at DIS. We are still on schedule to go live with the application on April 21. Architecture and process flow diagrams for the project are provided at Attachment 1.

We have conducted three successful Technology Roundtables to date, and will hold three more this month. Schedule and topics are available on the JIN web site.

Summary Offender Profile

The servers have been installed and are working in the DIS data center. Templar, the system developer, has begun installing the application and hope to complete installation before the Board meeting. We will complete testing and begin the pilot deployment as soon as the application is installed. All other installation steps are complete.

Federal Grants for Integrated Justice

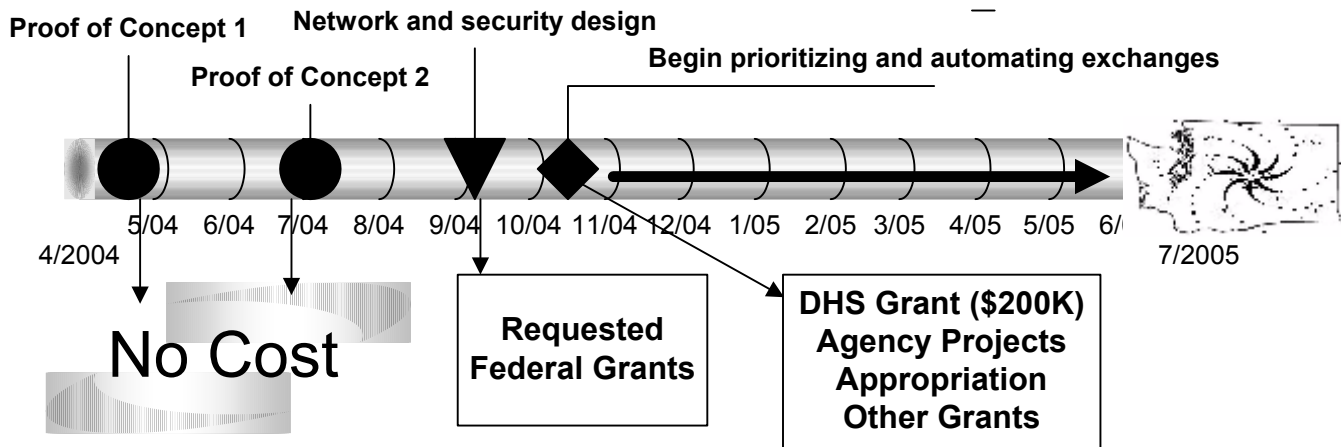
The Grants subcommittee is scheduled to meet on April 16 to discuss this year's applicants for Byrne and NCHIP funding. A summary of the applications received is provided at Attachment 2.

I also submitted to the Emergency Management Division a proposal for the Homeland Security grant that was included as part of the Governor's plan for the state. If approved, the proposal will build on the data acquired through the JIN proof of concepts to make Summary Offender Profile data available for system-to-system exchanges. A copy of the proposal is provided at Attachment 3.

Budget and Planning

The key steps in building an integration plan for the state are establishing the network and security architecture for information sharing and then developing standards or recommendations for data exchanges. This has been the key focus of the proof of concept projects, and this in turn leads in to the Program Office's proposal for Byrne and NCHIP funding and the proposed use of this year's homeland security grant. This process is reflected in the diagram below:

Proposed JIN Timeline



While funding for pursuit of these goals is envisioned, thought not ensured, to come from grant funds, the operational model to support these efforts must be developed as well. For discussion purposes, I have assembled a set of resource estimates, as well as a proposed budget for operations. It should be noted that the budget does not include overhead to support the recommended staffing levels. Some of this support (e.g. administrative, budget, procurement, budgeting is currently provided by DIS

JIN Program Office Staffing Estimates		
Role	Responsibility	FTE
Program Director	Chief Executive Officer	1.0
Enterprise Architect	Develop and refine JIN architecture Maintain JIN technical standards Maintain JIN portfolio	0.3
Business Manager	Develop JIN services (SOP, network) Oversee support operations	0.25
Project Manager	Manage JIN projects (SOP, network)	0.25
Communications	Develop and maintain JIN website Build JIN knowledge base Produce JIN newsletter	0.5

	Oversee awareness efforts	
Procurement/Legal	Provide assistance with contracts, agreements Review software licensing agreements Research and writing	0.1
Finance	Budget assistance	0.1
Grants	Identify and circulate grant opportunities Grant-writing assistance	0.2
Administrative Support	Manage schedule and cost center General administrative support	0.3
Technical Support	Support Summary Offender Profile, other projects	0.25

**Justice Information Network Program Office
Budget Projection for 05-07 Biennium**

	FY06	FY07	Bien 05-07
Operating Revenue*	0	0	0
<u>Operating Expenses</u>			
Salary & Benefits	111,600	111,600	223,200
DIS Support and Overhead	41,000	41,000	82,000
Travel Expenses (Program Office)	2,400	2,400	4,800
Travel Expenses (Board Meetings)	6,000	6,000	12,000
Summary Offender Profile Hosting	154,080	154,080	308,160
TOTAL	315,080	315,080	630,160
<u>Projects</u>			
Network architecture	500,000		
SOP Phase 2	200,000		
Profit/(Loss)	(1,015,080)	(315,080)	(1,330,160)

Notes

Interagency agreement for Program Office expires 11/2004

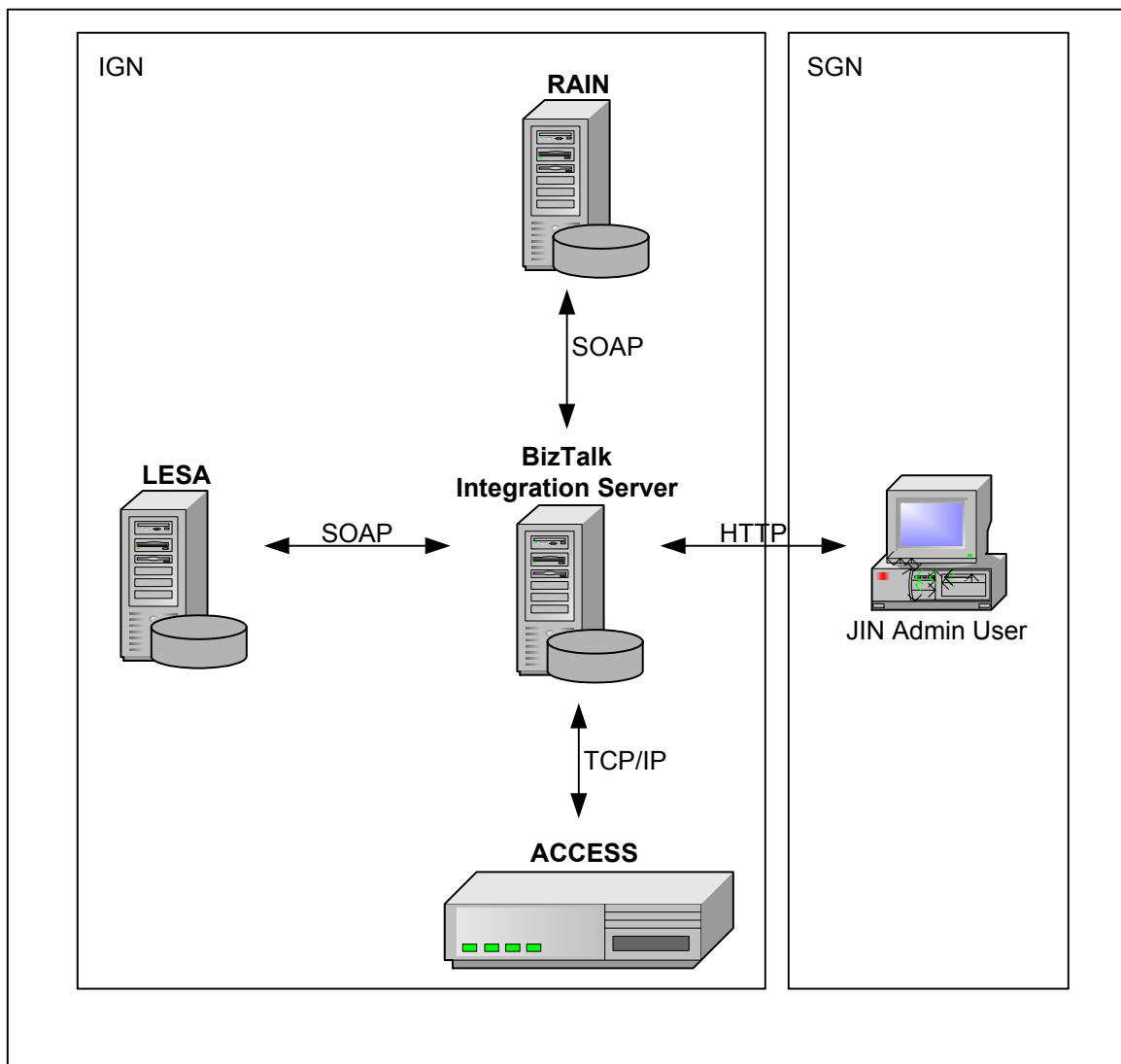
*Byrne Grant funding expires July 2005

*200,000 likely available from DHS for SOP2 (System-to system exchanges)

*500,000 requested from Byrne/NCHIP

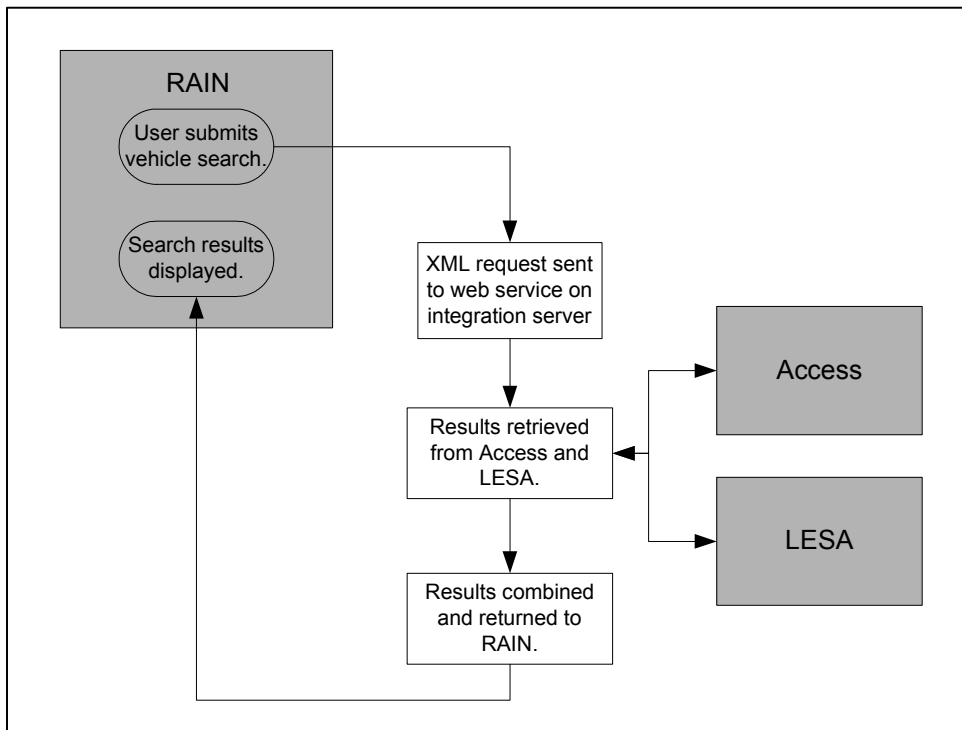
JIN Stolen Vehicle Recovery Proof of Concept

Architecture Diagram

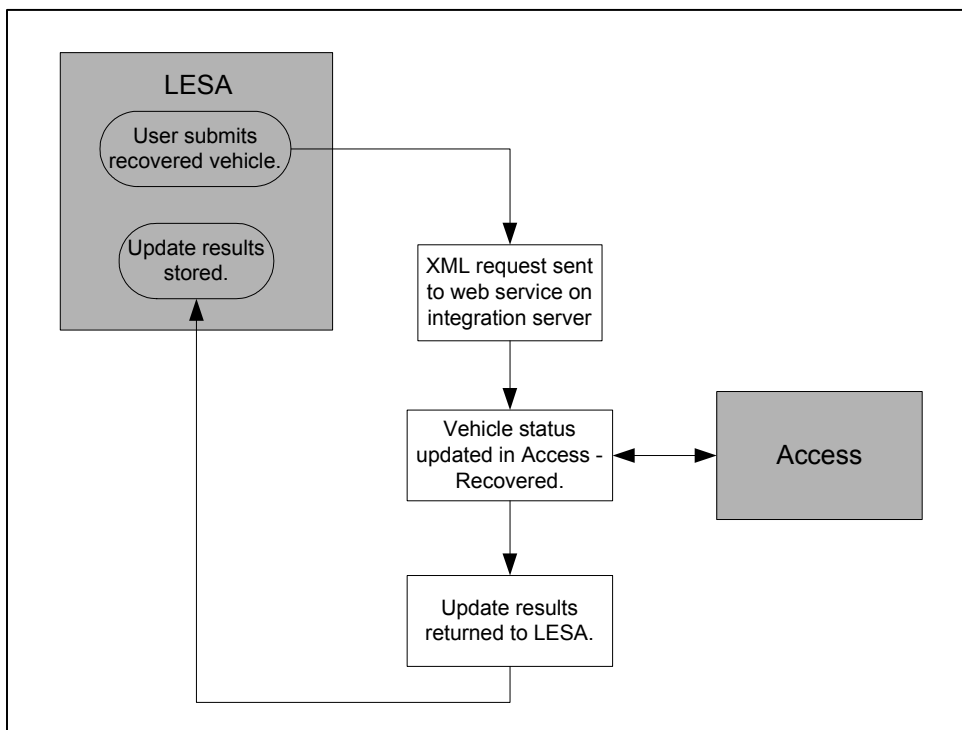


JIN Stolen Vehicle Recovery Proof of Concept

RAIN Vehicle Search Process Flow

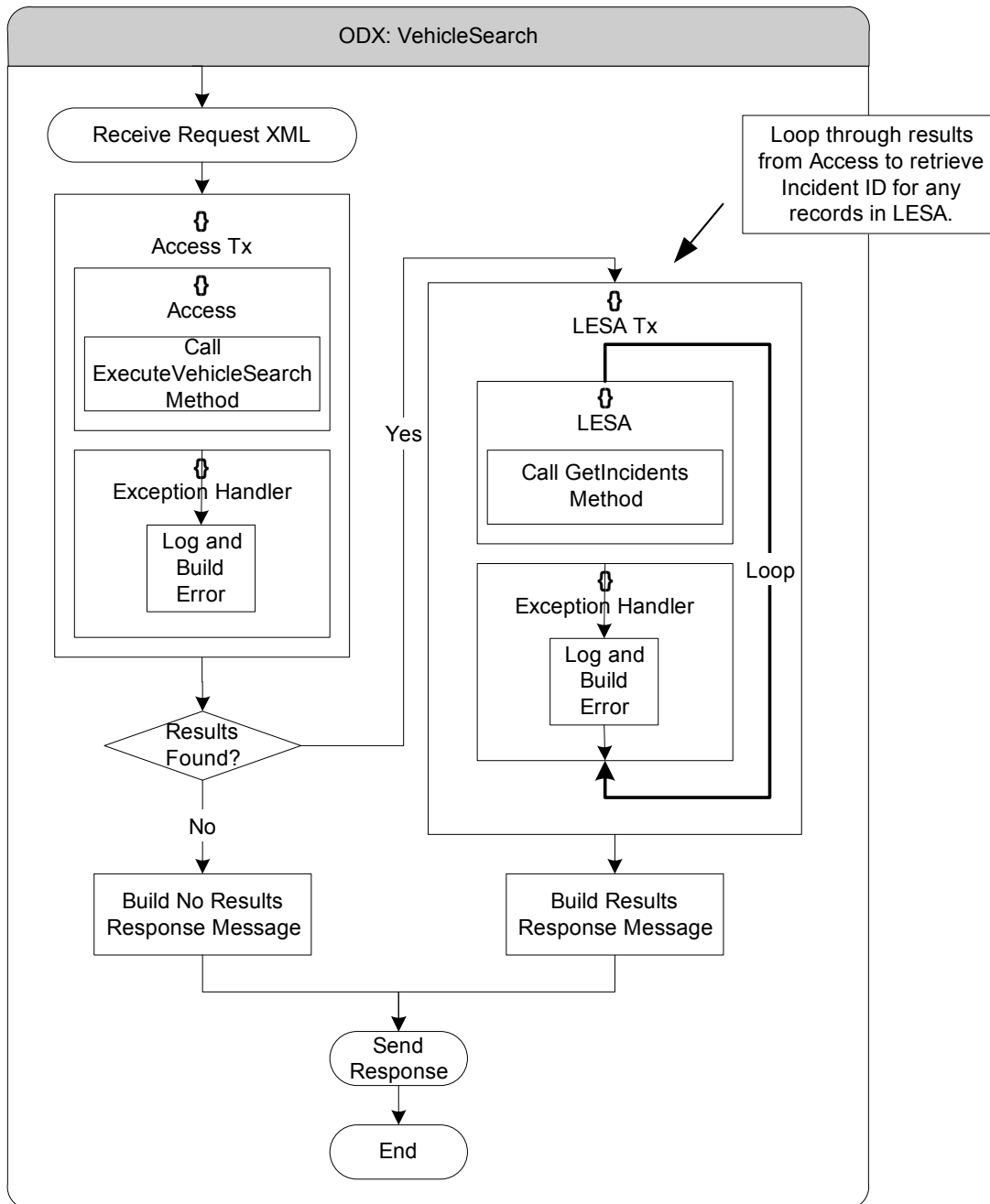


LESA Vehicle Recovery



JIN Stolen Vehicle Recovery Proof of Concept

Orchestration Diagram



Memorandum

To: Justice Information Board Grants Subcommittee

From: Brian LeDuc, JIN Program Director

Date: 4/15/2004

Re: Summary of 2004 Grant Applications

Following is a short summary of this year's grant applications for funding under the Byrne and NCHIP programs. This year's available funding (not including any carryover from last year, which will be documented at our April 16 meeting) is \$1,256,846 (\$650,846 from Byrne, \$656,000 from NCHIP).

Applicant	Proposal	Cost
AOC	Implement Judgment and Sentencing prototype in 16 courts.	\$660,000
JIN Program Office	Develop and design network and security architecture for justice information sharing.	\$550,000
King County Sheriff	Configure agencies involved in RAIN pilot for production; Add remaining sites to production environment.	\$1,026,862
Washington State Patrol	Develop capability to electronically receive and process fingerprints from DOC.	\$100,000
Washington State Patrol	Develop capability to electronically receive and process disposition data for complex records from AOC.	\$455,000
Washington State Patrol	Replace live scan machines in 4 counties	\$115,000
Washington State Patrol	Develop capability to process sex and kidnapping offender photos electronically.	\$150,000
TOTAL REQUESTS		\$3,056,862.00

**Homeland Security Needs
Project Proposal
April 2004**

Agency Name: Justice Information Network Program Office (DIS)

Contact Person: Brian LeDuc, Program Director

Package Description: The Justice Information Network (JIN) (<http://www.jin.wa.gov>) is an effort charged by statute with increasing public safety through better integration of the various sources of justice data in the state. This proposal aims to enable system-to-system sharing of data to ensure that local entities have immediate, secure and efficient access to data maintained by state criminal justice agencies. Not only will this put important information into the hands of local law enforcement, it will contribute to further defining the state's model for integration and data sharing in the justice community.

Background: Established by statute (RCW §10.98.160 *et seq.*), the mission of the JIN is to improve public safety by providing criminal justice practitioners with complete, timely and accurate information, and to improve operating efficiency by facilitating the integration of disparate systems throughout the state. Its objectives are to:

- Maximize standardization of data and communications technology;
- Improve workflow within the criminal justice system;
- Provide complete, accurate, and timely information to criminal justice agencies;
- Maintain security and privacy rights respecting criminal justice information

The governance structure for JIN is the Integrated Justice Information Board (the Board), whose members are a diverse collection of state and local stakeholders, including:

- A representative appointed by the governor
- The attorney general
- The chief of the state patrol
- The secretary of the department of corrections
- The director of the department of licensing
- The administrator for the courts
- The director of the office of financial management
- The director of the department of information services
- The assistant secretary of DSHS responsible for juvenile rehabilitation programs
- A sheriff appointed by WASPC
- A police chief appointed by WASPC
- A county legislative authority member appointed by the Washington state association of counties
- An elected county clerk appointed by the Washington association of county clerks
- A representative appointed by the Washington association of city and county information systems
- Two representatives appointed by the judicial information system committee
- A representative appointed by the association of Washington cities

- An elected prosecutor appointed by the Washington association of prosecuting attorneys.

The JIN Program Office, which currently consists of a Director housed at the Department of Information Services, is staff to the Board. The Program Office is in the process of developing an enterprise architecture for the justice community, and is also testing and deploying Summary Offender Profile (SOP), a web-based query application that aggregates criminal history data from state sources and presents it to the user over the Internet. The aim of this project is to build on the SOP architecture by creating a means for system-to-system SOP queries to put more information and data management tools directly into the hands of local consumers.

Alignment to State Homeland Security Strategy: As a collaborative, information sharing project, JIN aligns closely with the Federal Goal of improved information sharing to prevent terrorist attacks (<http://www.ojp.usdoj.gov/docs/fy04hsgp.pdf>, p.6) as well as the State's goal of "facilitating statewide communication and collaboration." Moreover, a key component of JIN's statutory mission is to ensure the interoperability of the various systems currently employed by the justice community (Objective 2.1). The Board's mission to establish standards for data exchange is also consistent with objective 2.2

The wealth of information currently maintained by the justice community must play a crucial role in detecting and preventing potential terrorist threats. There are numerous examples of opportunities missed by law enforcement as a result of inefficient data sharing practices. This serves to emphasize not only the need for integration but also the extent of interaction Washington residents have with the justice community. The State needs to focus on better use of existing data as a key component of preventing terrorism.

Estimated Expenditures

Operating Expenditures (State Fiscal Year)

FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
200,000					

Capital Expenditures (State Fiscal Year)

FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009

Estimated Operating Expenditures by Object Detail (State Fiscal Year):

	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Salaries and Benefits						
Personal Svc Contract	200,000					
Goods & Services						
Travel						
Equipment						
Grants						
Intra-Agency Costs						
Total	200,000					

Detailed Expenditure Calculations and Assumptions: (Provide a narrative breakout of the object detail identified above.)

Contractor services will be used to develop and implement a “middleware” solution for JIN stakeholders using national XML standards (See Attachment 1 for logical design). The proposed solution will build on SOP, which aggregates information from the State Patrol, the Administrative Office of the Courts, the Department of Licensing and the Department of Corrections. The proposal envisions using Justice XML to enable system-to-system queries and automatic updating of record systems throughout the JIN community. In addition to creating the environment to achieve these exchanges, this proposal will connect with King County and the Law Enforcement Support Agency (Tacoma, Pierce County) to facilitate automatic update of warrants and misdemeanor information. King County and LESA have requested this system capability and other entities (including the Law Enforcement Information Exchange (LinX)) have also expressed interest in this type of service.

This project will complement the enterprise architecture definition project¹, currently in development for the justice community in the state. It will create the environment under which the entire JIN community will be able to access various state data sources and consume the data in ways most apposite to their various business processes.

Detailed Expenditure Calculations and Assumptions:

Staffing: Although technical support will be required for the project once it is deployed, it is envisioned that current support staff for Summary Offender Profile will fill this role as part of their job description. No additional staffing will be required. Development of a staffing plan is part of the broader mandate of the Program Office.

¹ See <http://www.jin.wa.gov/meetings/2004/PDreport12004.pdf>, <http://www.jin.wa.gov/meetings/2004/PDreport32004.pdf> for more information.

Contractor Support: Contractor support will be engaged to develop a number of web services² to facilitate system-to-system exchanges of data from Summary Offender Profile.

Goods and Services: Because the existing SOP hardware will be used, no additional goods and services will be required. Depending on the contractor selected, some software may need to be installed or additional licenses purchased at the DIS data center.

Travel: No travel will be required to complete the project.

Other Entities: Although this project will benefit and provide service to the entire justice community, no funds will be passed through to other entities.

Impact Statements:

Success of the JIN affects numerous state and local agencies. Better sharing of information will help law enforcement, corrections and courts to improve public safety by increasing their environmental and situational awareness. This specific exchange will also offer the opportunity for preserving public safety and preventing terrorism by providing real time access to criminal history information and automatic updates to local records management systems.

This project will serve as a model for future data sharing projects. It will establish the security necessary for justice information exchanges and install the middleware to facilitate other information sharing. Because the project integrates existing sources of justice data, it will empower many state and local justice agencies—law enforcement, courts, prosecutors, corrections, as well as other agencies, which, though they are not part of the justice community, may need access to criminal justice data.

Distinction between one-time and ongoing costs:

Although this proposal represents a one-time cost, there will be ongoing upgrade, deployment and maintenance costs for the JIN infrastructure. These will be documented in the funding request to the legislature required in September 2004 by RCW §10.98.240, the language of which clearly anticipates the absorption of JIN costs by the state.

Calculations and Assumptions:

The JIN Program Director will manage the project.

Technical Advisory Group: The JIN Technical Advisory group will determine the exact nature and priority of the exchanges to be automated. Exchange modeling work already done for the state, as well as the Justice Information Exchange Model (<http://www.search.org/integration/JRM1.0.1.pdf>) developed by SEARCH will be used to assist in this effort.

² An XML format for exchanging information (See <http://www.w3.org/TR/wsdl>)

The Board will resolve policy issues related to the project.

Infrastructure and services for JIN connectivity will be provided by DIS.

High Level Schedule

Task	Duration	Comments
Agree on Project Scope	1 day	Data from JIN proof of concepts will be evaluated by the Technical Advisory Group to make decisions regarding middleware solutions.
Issue Request for Proposal, and award	2-3 mo.	Proposal to be evaluated by Steering Committee consisting of selected Technical Advisory Group members.
Planning	4 weeks	Contractor to produce project charter, schedule, technical requirements and design documents.
Development	4 weeks	Contractor to configure and install middleware, test connection points.
Testing	1 week	
Deployment	1 week	

Summary Offender Profile Phase 2

